

Table 32b

Distribution of expectation of developing products or processes as a result of IT-based innovation in the next 12 months, by selected company characteristics: 2001

(Percent distribution)

Characteristic	Total	Expectation				Nonresponse
		Innovators ¹		Noninnovators		
		Definitely yes	Probably yes	Probably not	Definitely not	
All companies.....	100.0	5.5	15.5	39.3	37.5	2.2
IT.....	100.0	7.8	27.4	38.4	24.4	S
Manufacturing.....	100.0	S	18.8	43.6	28.4	S
Communication.....	100.0	S	20.4	42.9	27.6	S
Computer related services.....	100.0	S	40.4	30.3	S	0.0
Non-IT.....	100.0	5.3	14.3	39.4	38.8	2.2
Manufacturing.....	100.0	S	13.7	42.6	37.1	S
Transportation & public utilities.....	100.0	S	14.1	32.4	47.0	S
Finance, insurance & real estate.....	100.0	S	16.8	31.5	39.9	S
Engineering & AAB services.....	100.0	S	16.1	38.8	36.2	S
By revenue size						
\$2.5M to \$4.9M.....	100.0	4.9	14.9	37.3	38.9	S
\$5M to \$9.9M.....	100.0	S	15.2	42.8	36.4	S
\$10M to \$24.9M.....	100.0	S	13.6	37.7	40.8	S
\$25M to \$50M.....	100.0	S	S	41.0	23.0	S
Above \$50M.....	100.0	S	S	41.8	S	S

¹ Breakdowns of expected innovators exclude 32 cases, representing 1,100 companies, in which innovator status could not be determined. To be classified as an innovator, the company had to indicate that it believed it would develop a product or process in the next 12 months as a result of IT-based innovation. The survey was conducted during the period July 2001–April 2002.

KEY: IT=information technology; AAB=accounting, auditing, bookkeeping; S=suppressed for reasons of reliability due to receiving less than 20 responses

NOTES: Responses are to question 11: "Do you believe your company will develop products or processes as a result of IT-based innovation in the next 12 months?" Total nonresponse consists of item nonresponse and don't know responses. Percentages are calculated excluding 873 cases, representing 24,300 companies that were not asked the question because respondents reported that their companies had engaged in IT-based innovation activities in the past 12 months and who therefore were not asked about expected innovation activities in the next 12 months. Percentages are based on unrounded frequencies and may not total 100 due to rounding.

IT is defined as the hardware and software that support the production or use of computer-based information systems, the infrastructure necessary to access such information systems, or data processing services. Companies are classified as IT or Non-IT based on their 4-digit SIC number. IT Manufacturing includes companies with SICs of 3571-3579, 3651, 3661-3679, 3895, 3823-3826. IT Communication includes companies with SICs of 4812-4822, 4832, 4833, 4841-4899. IT Computer related services includes companies with SICs of 7371-7379. Non-IT Manufacturing includes companies with SICs of 2011-3569, 3581-3648, 3652, 3691-3694, 3699-3822, 3827-3999. Non-IT Transportation & public utilities includes companies with SICs of 4011-4231, 4412-4789, 4911-4971. Non-IT Finance, insurance & real estate includes companies with SICs of 6011-6036, 6081-6153, 6159, 6162-6799. Non-IT Engineering & AAB services includes companies with SICs of 8711, 8721.

SOURCE: National Science Foundation, 2001 Information Technology Innovation Survey.